

**Title:** Team Mavericks QA Assignment

**Objective:** Write an automated functional UI test suite to test reddit.com

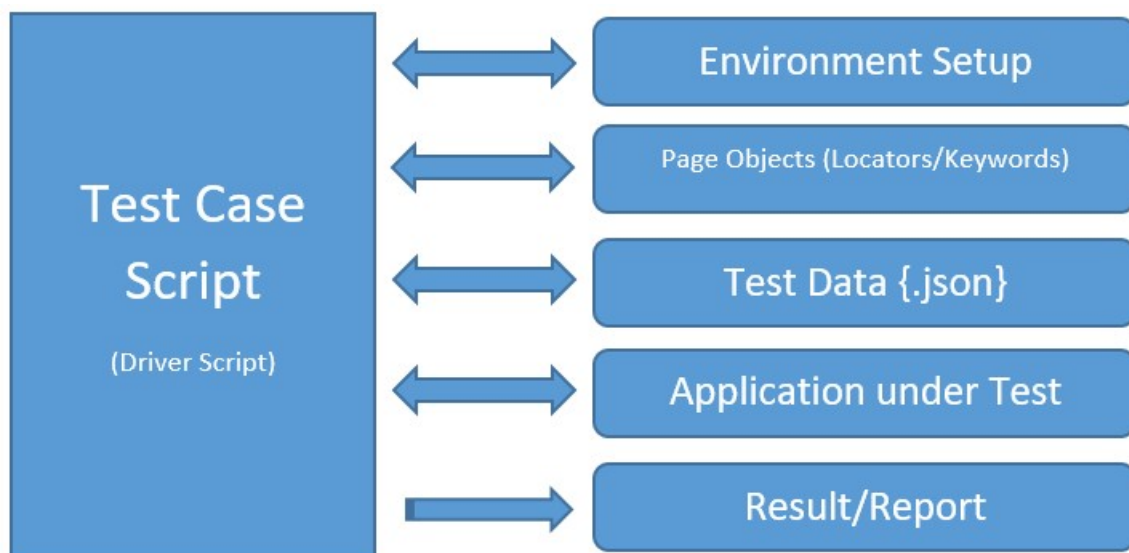
**Framework Used:** Robot Framework

**Language:** Python

**Design Pattern:** Page Object Model

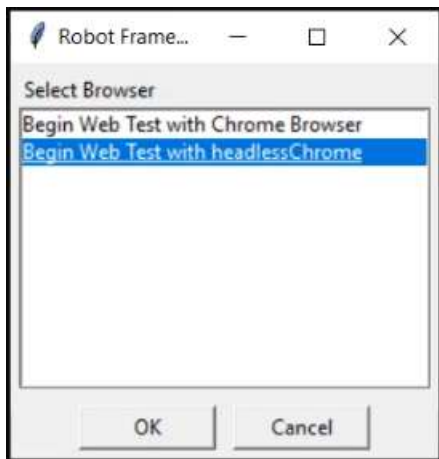
**Browser:** Chrome. Version 90.0.4430.85 (Official Build) (64-bit)

### Test Automation Framework Architecture Diagram:-



### Steps for Execution:-

1. Clone repository from git on Local Drive
  - Command: `git clone <repository path>`
2. Run **`pip install -r requirements.txt`** to install dependencies on the local machine. It should be run in the same location where repository is cloned.
3. Execute following command from root folder of the project:-
  - [Command] **`robot -d Results Tests`**
  - **Results** is the directory for report generation
  - **Tests** is the suite name.
4. User will be prompted to make a browser selection



5. Make a selection and click OK to begin execution.
6. After successful execution report is generated in Result folder.

#### Must Read:

- The script supports only the Chrome Browser.
- It can be executed in both variants of the chrome browser (Normal & Headless)
- During execution you will see the following in the command line:-

```
[ ERROR ] Error in file 'C:\development\robot-scripts\RedditQA\Tests\RedditMain.robot' on line 12: Setting 'Suite Setup' is not allowed in resource file.
[ ERROR ] Error in file 'C:\development\robot-scripts\RedditQA\Tests\RedditMain.robot' on line 13: Setting 'Suite Teardown' is not allowed in resource file.
[ ERROR ] Error in file 'C:\development\robot-scripts\RedditQA\PageObjects\CommonWeb.robot' on line 5: Error in file 'C:\development\robot-scripts\RedditQA\Tests\RedditMain.robot' on line 21: Resource file with
```

```
[0425/005303.006:INFO:CONSOLE(1)] "Uncaught Error: Got unexpected null or undefined", source: https://www.redditstatic.com/desktop2x/vendors-Chat-Governance-Reddit.7fFee356252cc29b560f.js (1)
[0425/005303.024:INFO:CONSOLE(1)] "Uncaught Error: Got unexpected null or undefined", source: https://www.redditstatic.com/desktop2x/vendors-Chat-Governance-Reddit.7fFee356252cc29b560f.js (1)
[0425/005303.075:INFO:CONSOLE(1)] "Uncaught Error: Got unexpected null or undefined", source: https://www.redditstatic.com/desktop2x/vendors-Chat-Governance-Reddit.7fFee356252cc29b560f.js (1)
[0425/005303.085:INFO:CONSOLE(1)] "Uncaught Error: Got unexpected null or undefined", source: https://www.redditstatic.com/desktop2x/vendors-Chat-Governance-Reddit.7fFee356252cc29b560f.js (1)
[0425/005303.123:INFO:CONSOLE(1)] "Uncaught Error: Got unexpected null or undefined", source: https://www.redditstatic.com/desktop2x/vendors-Chat-Governance-Reddit.7fFee356252cc29b560f.js (1)
[0425/005303.135:INFO:CONSOLE(1)] "Uncaught Error: Got unexpected null or undefined", source: https://www.redditstatic.com/desktop2x/vendors-Chat-Governance-Reddit.7fFee356252cc29b560f.js (1)
[0425/005303.184:INFO:CONSOLE(1)] "Uncaught Error: Got unexpected null or undefined", source: https://www.redditstatic.com/desktop2x/vendors-Chat-Governance-Reddit.7fFee356252cc29b560f.js (1)
[0425/005303.194:INFO:CONSOLE(1)] "Uncaught Error: Got unexpected null or undefined", source: https://www.redditstatic.com/desktop2x/vendors-Chat-Governance-Reddit.7fFee356252cc29b560f.js (1)
[0425/005303.237:INFO:CONSOLE(1)] "Uncaught Error: Got unexpected null or undefined", source: https://www.redditstatic.com/desktop2x/vendors-Chat-Governance-Reddit.7fFee356252cc29b560f.js (1)
[0425/005303.250:INFO:CONSOLE(1)] "Uncaught Error: Got unexpected null or undefined", source: https://www.redditstatic.com/desktop2x/vendors-Chat-Governance-Reddit.7fFee356252cc29b560f.js (1)
```

It is not any error, please do not force stop the execution. It does not impact the executing script. Let it complete.

- Once completed, check out Results folder for detailed report.

Note: You can also refer test execution videos.

- DemoVideo-Chrome
- DemoVideo-HeadlessChrome